

APPENDIX B

MUSCATATUCK RIVER WATERS ASSESSED IN THE

CLEAN WATER ACT SECTION 305(B) REPORT

Statewide data from the state's Clean Water Act Section 305(B) Report are available at the link below (IDEM's Office of Water Quality website) (<http://www.state.in.us/idem/water/planbr/wqs/quality.html>). Adobe Acrobat Reader(tm) is required to read these files.

- **Attachment A** - 1998 305 (B) Report (Upper White, Lower White, Patoka)
- **Attachment B** - 1999 & 2000 305 (B) Report (Eel-Wabash, Lower East Fork White, Middle Wabash-Deer, Muscatatuck, Salamonie, Upper East Fork White, Upper Wabash, Whitewater)
- **Attachment C** - 2001 305 (B) Report (Lower Wabash, Middle Wabash-Busseron, Middle Wabash-Little Vermilion, Sugar)
- **Attachment D** - 2002 305 (B) Report (Blue-Sinking, Little Calumet-Galien, Lower Ohio-Little Pigeon, Silver-Little Kentucky, St. Joseph-Maumee)

APPENDIX C
Potential Stakeholders
in the Muscatatuck River Watershed

Brush Creek Watershed Project
c/o Jackson County SWCD
102 E. Commerce Street
Brownstown, IN 47220-2004
812-358-2367

Central Indiana Land Trust, Inc.
324 West Morris St.
Indianapolis, IN 46225
317-631-5263

Driftwood State Fish Hatchery
4931 S. CR 250 W.
Vallonia, IN 47281
812-358-4110

Historic Hoosier Hills RC & D, Inc.
1981 S. Industrial Park Road
Suite 1
Versailles, IN 47042-0407
812-689-6410x5

Hoosier Environmental Council
PO Box 1145
Indianapolis, IN 46206
317-685-8800

Hoosier River Watch
5785 Glenn Rd.
Indianapolis, Indiana 46216-1066
317-541-0617

Indiana Karst Conservancy
PO Box 2401
Indianapolis, IN 46206-2401
317-882-5420

Indiana Lakes Management Society
207 S. Wayne St., Suite B
Angola, IN 46703

Indiana Waterways Association
301 Fort Harrison Road
Terre Haute, IN 47804
812-460-1567

Izaak Walton League of America

Muscatatuck River Watershed Restoration Action Strategy

Indiana Division President
2173 Pennsylvania Street
Portage, IN 46368-2448
219-762-4876

Know Your Watershed
Conservation Technology Information Ctr
1220 Potter Drive, Room 170
West Lafayette, IN 47906-1383
765-494-9555

Lincoln Hills Resource Conservation & Development
Courthouse Annex
125 South 8th Street
Cannelton, IN 46520-1251
812-547-7028

National Audubon Society
700 Broadway
New York, NY 10003
212-979-3000

Quick Creek - Hardy Lake
3382 West State Road 56
Suite 2
Hanover, Indiana IN
812-273-2070 x111

Southeastern Indiana SWMD
102 N. Main Street
P.O. Box 166
Versailles, IN 47042
812-689-3525

Sycamore Land Trust
PO Box 7801
Bloomington, IN 47407-7801
812-336-5257

The Nature Conservancy
1505 N. Delaware St., Suite 200
Indianapolis, Indiana 46202
317-951-8818

Tri-County Nutrient Management Committee
c/o Washington County USDA-NRCS
103 E. Westminster Center, Suite 115
Salem, IN 47167-9731
812-883-3704

Muscatatuck River Watershed Restoration Action Strategy

Vernon Fork of the Muscatatuck River Watershed Project
c/o Jennings County SWCD
2600 N. State Hwy 7
North Vernon, IN 47265
812-346-3411

Clark County Health Department (Clark County)
1216 Akers Ave.
Jeffersonville, IN 47130
812-282-7521

Clark County Purdue Univ. Co-op Extension Service (Clark County)
9608 Hwy 62, Suite 1
Charlestown, IN 47111
812-256-4591

Clark County SWCD (Clark County)
9608 Highway 62
Charlestown, IN 47111
812-256-2330x3

Clark County Solid Waste Management District (Clark County)
9208 Highway 62
Charlestown, IN 47111-8409
812-256-7942

Clark County US Farm Service Agency (Clark County)
Charlestown Service Center
9608 Highway 62
Charlestown, IN 47111
812-256-2330

Clark County USDA-NRCS (Clark County)
Charlestown Service Center
9608 Highway 62
Charlestown, IN 47111
812-256-2330

Decatur County Department of Health (Decatur County)
801 N. Lincoln Street
Greensburg, IN 47240
812-663-8301

Decatur County Drainage Board (Decatur County)
150 Courthouse Square
Suite 109
Greensburg, IN 47240
812-663-2546

Decatur County Farm Service Agency (Decatur County)
Greensburg Service Center
108 Smith Rd
Greensburg, IN 47240-8295
812-663-8676

Muscatatuck River Watershed Restoration Action Strategy

Decatur County Government Offices (Decatur County)

314 N. Michigan
Greensburg, Indiana 47240
812-663-3344

Decatur County Purdue Univ. Co-op Extension Service (Decatur County)

545 S. 200 W.
Greensburg, IN 47240
812-663-8388

Decatur County SWCD (Decatur County)

108 Smith Rd
Greensburg, IN
812-663-8685

Decatur County Surveyor (Decatur County)

1672 N. County Rd. 80 NE
Greensburg, IN 47240
812-663-2615

Decatur County USDA-NRCS (Decatur County)

108 Smith Road
Greensburg, IN 47240-8217
812-663-8676

City of Seymour Mayor (Jackson County)

301-309 N. Chestnut St.
Seymour, Indiana 47274
812-522-4020

Jackson County Commissioner (Jackson County)

111 S. Main St.
Courthouse
Brownstown, IN 47220
812-358-6122

Jackson County Department of Health (Jackson County)

207 N. Pine St.
Seymour, IN 47274-2143
812-522-6474

Jackson County Drainage Board (Jackson County)

111 S. Main St.
Courthouse
Brownstown, IN 47220
812-358-6107

Jackson County Farm Service Agency (Jackson County)

Brownstown Service Center
102 E. Commerce St.
Brownstown, IN 47220-2004
812-358-2367

Muscatatuck River Watershed Restoration Action Strategy

Jackson County Government Office (Jackson County)

111 S. Main St.
Courthouse
Brownstown, IN 47220
812-358-6122

Jackson County Purdue Univ. Co-op Extension Service (Jackson County)

111 S. Main St.
Courthouse
Brownstown, IN 47220-2055
812-358-6101

Jackson County SWCD (Jackson County)

102 E. Commerce Street
Brownstown, IN 47220-2004
812-358-2367

Jackson County Surveyor (Jackson County)

111 S. Main St.
Courthouse
Brownstown, IN 47220
812-358-6106

Jackson County USDA-NRCS (Jackson County)

102 E. Commerce St.
Brownstown, IN 47220-2004
812-358-2367

Jackson County Water Utility (Jackson County)

1119 West Spring St.
Brownstown, IN 47220
812-358-3654

Hanover Water Department (Jefferson County)

11 Madison Ave.
P.O. Box 288
Hanover, IN 47243
812-866-2131

Jefferson County Commissioner's Office (Jefferson County)

300 E. Main St., Room 3
Madison, IN 47250

Jefferson County Council (Jefferson County)

c/o Auditor, Room 101
300 E. Main Street
Madison, IN 47250
812-265-8909

Jefferson County Health Department (Jefferson County)

715 Green Rd
Madison, IN 47250-2143
812-273-1942

Muscatatuck River Watershed Restoration Action Strategy

Jefferson County Purdue Univ. Co-op Extension Service (Jefferson County)

315 E. 2nd St.
Madison, IN 47250
812-265-8919

Jefferson County SWCD (Jefferson County)

3382 West State Road 56
Hanover, IN
812-273-2070

Jefferson County Surveyor (Jefferson County)

300 E. Main St., Room 204
Madison, IN 47250
812-265-8925

Jefferson County US Farm Service Agency (Jefferson County)

Hanover Service Center
3382 W. State Road 56
Hanover, IN 47243-9062
812-273-2070

Jefferson County USDA-NRCS (Jefferson County)

USDA Natural Resources Conservation Service
3382 W. State Road 56, Suite 2
Hanover, IN 47243-9062

City of North Vernon Utilities Water & Sewage Office (Jennings County)

275 Main St.
North Vernon, IN 47265
812-346-4691

Jennings County Commissioner (Jennings County)

3355 S. State Highway 7
North Vernon, IN 47265
812-346-4632

Jennings County Farm Service Agency (Jennings County)

North Vernon Service Center
2600 N. State Highway 7
North Vernon, IN 47265-7186
812-346-3411

Jennings County Government Office (Jennings County)

Jennings County Government Center
200 E. Brown St.
Vernon, IN 47282

Jennings County Health Dept (Jennings County)

Jennings County Government Center
200 E. Brown St.
Vernon, IN 47282-0323
812-352-3024

Muscatatuck River Watershed Restoration Action Strategy

Jennings County SWCD (Jennings County)

2600 N. State Hwy 7
North Vernon, IN 47265
812-346-3411

Jennings County USDA-NRCS (Jennings County)

2600 N. State Highway 7
North Vernon, IN 47265-9109
812-346-3411

Jennings County-Purdue Univ. Co-Op Extension Office (Jennings County)

Jennings County Government Center
200 E. Brown St.
Vernon, IN 47282-0365
812-352-3033

North Vernon City Mayor (Jennings County)

275 E. Main St.
North Vernon, Indiana 47265
812-346-3789

Holton Community Water (Ripley County)

2872 W. US Highway 50
Holton, IN 47023
812-689-6736

Ripley County Commissioner (Ripley County)

c/o Auditor
P.O. Box 235
Versailles, IN 47042
812-689-6311

Ripley County Council (Ripley County)

c/o Auditor
P.O. Box 235
Versailles, IN 47042
812-689-6311

Ripley County Health Department (Ripley County)

102 W. 1st N. St.
Ste 106
Versailles, IN 47042-0423
812-689-5751

Ripley County Natural Resource Conservation Serv (Ripley County)

Historic Hoosier Hills RC&D
1981 S. Industrial Park Rd., Ste 1
Versailles, IN 47042-0407

Ripley County Planning Commission (Ripley County)

115 North Main Street
Versailles, Indiana 47042
812-689-6062

Muscatatuck River Watershed Restoration Action Strategy

Ripley County Purdue Univ. Co-op Extension Service (Ripley County)

525 W. Beech St.
Osgood, IN 47037
812-689-6511

Ripley County SWCD (Ripley County)

1981 S. Industrial Park Rd.
Suite 2
Versailles, IN 47
812-689-6410

Ripley County Surveyor (Ripley County)

102 W. 1st N. St.
Versailles, Indiana
812-689-0504

Ripley County US Farm Service Agency (Ripley County)

Versailles Service Center
1981 S. Industrial Park
Versailles, IN 47042-9063
812-689-6410

Austin Sewer Treatment Plant (Scott County)

South 7th Street
Austin, IN 47102
812-794-3107

Scott County Commissioner (1) (Scott County)

1467 E. Paula Dr.
Scottsburg, IN 47170
812-525-0370

Scott County Commissioner (2) (Scott County)

2449 S. Comer
Scottsburg, IN 47170
812-752-5335

Scott County Commissioner (3) (Scott County)

4189 E. Quick Creek Rd.
Deputy, IN 47230
812-794-2488

Scott County Health Department (Scott County)

1471 N. Gardner St.
Scottsburg, IN 47170-7751
812-752-8455

Scott County Landfill (Scott County)

4689 S. Double or Nothing Rd.
Scottsburg, IN 47170-6349
812-752-8474

Muscatatuck River Watershed Restoration Action Strategy

Scott County Purdue Univ. Co-op Extension Service (Scott County)

1 E. McClain Ave.
Scottsburg, IN 47170
812-752-8450

Scott County SWCD (Scott County)

656 S. Boatman Road
Scottsburg, IN 47170
812-752-2269

Scott County Surveyor (Scott County)

1 E. McClain Ave
Suite 42
Scottsburg, IN 47170
812-752-9089

Scott County US Farm Service Agency (Scott County)

Scottsburg Service Center
656 S. Boatman Road
Scottsburg, IN 47170-6866
812-752-3708

Scott County USDA-NRCS (Scott County)

656 S. Boatman Rd., Suite 3
Scottsburg, IN 47170-2017

Washington County Commissioner (Washington County)

County Courthouse
99 Public Square
Salem, IN 47167
812-883-4805

Washington County Government Office (Washington County)

County Courthouse
99 Public Square
Salem, IN 47167
812-883-4805

Washington County Health Department (Washington County)

103 Westminster Ctr
Ste 114
Salem, IN 47167
812-883-5603

Washington County Landfill (Washington County)

2682 N. Highland Rd
Salem, IN
812-883-4811

Washington County Purdue Univ. Co-op Extension Service (Washington County)

806 Martinsburg Rd.
Suite 104
Salem, IN 47167
812-883-4601

Muscatatuck River Watershed Restoration Action Strategy

Washington County SWCD (Washington County)

103 E. Westminster Center, Suite 115

Salem, IN 47167

812-883-3704

Washington County Solid Waste Mngmnt District (Washington County)

Courthouse

92 Public Square

Salem, IN 47167

812-883-3039

Washington County Surveyor (Washington County)

99 Public Square

Salem, IN

812-883-4604

Washington County US Farm Service Agency (Washington County)

Salem Service Center

2 E. Westminster Center

Salem, IN 47167-9731

812-883-3006

Washington County USDA-NRCS (Washington County)

103 E. Westminster Center, Suite 115

Salem, IN 47167-9731

812-883-3704

Muscatatuck River Watershed Restoration Action Strategy

STATE STAKEHOLDERS

Indiana Farm Bureau Inc.
225 S East St
Indianapolis, IN 46202
(317) 692-7851
Indiana Department of Environmental Management
100 N. Senate Ave
P.O. Box 6015
Indianapolis, IN 46206-6015
IDEM Switchboard
(317) 232 8603 or (800) 451 6027
Agricultural Liaison
(317) 232 8587
Air Quality
(317) 233 0178
Community Relations
(317) 233 6648
Compliance and Technical Assistance
(317) 232 8172
Criminal Investigations
(317) 232 8128
Enforcement
(317) 233 5529
Environmental Response
(317) 308 3017
Legal Counsel
(317) 232 8493
Media and Communication Services
(317) 232 8560
Pollution Prevention and Technical Assistance
(317) 232 8172
Solid and Hazardous Waste Management
(317) 233 3656
Water Management
(317) 232 8670

Muscatatuck River Watershed Restoration Action Strategy

Indiana Department of Natural Resources
402 West Washington Street
Indianapolis, IN 46204 2748
Division of Engineering
(317) 232 4150
Division of Entomology and Plant Pathology
(317) 232 4120
Division of Fish & Wildlife
(317) 232 4080
Division of Forestry
(317) 232 4105
Division of Historic Preservation & Archaeology
(317) 232 1646
Division of Law Enforcement
(317) 232 4010
Division of State Parks and Reservoirs
(317) 232 4124
Division of Water
(317) 232 4160
Division of Public Information and Education
(317) 232 4200
Division of Reclamation
(317) 232 1547
Division of Safety and Training
(317) 232 4145
Division of Soil Conservation
(317) 233 3870
Division of Oil and Gas
(317) 232 4055
Division of Outdoor Recreation
(317) 232 4070
Division of Nature Preserves
(317) 232 4052
Indiana State Department of Health
2 North Meridian St.
Indianapolis, IN 46204
(317) 233 1325

Muscatatuck River Watershed Restoration Action Strategy

FEDERAL STAKEHOLDERS

Natural Resources Conservation Service

6013 Lakeside Blvd

Indianapolis, In 46278

(317) 290 3200

NRCS Field Representatives are generally located with the SWCD office in each county.

U.S. EPA Region 5

77 West Jackson Blvd

Chicago, IL 60604

(312) 353-2000

(800) 632-8431

U.S. Army Corps of Engineers

Chicago District

111 N. Canal

Chicago, IL 60606

(312) 353-6400

Detroit District

P.O. Box 1027

Detroit, MI 48231-1027

(888) 694-8313

Louisville District

600 Dr. Martin Luther King, Jr.

Louisville, KY 40202

(502) 315-6768

APPENDIX D

FUNDING SOURCES

This listing of funding sources was derived from the May 1999 *Watershed Action Guide for Indiana*, which is available from the Watershed Management Section of IDEM (IDEM 1999b).

FEDERAL CONSERVATION AND WATERSHED PROGRAMS

Environmental Protection Agency

Section 319, 205(j), and 104(b)(3) Grants

Grants for conservation practices, water body assessment, watershed planning, and watershed projects. Available to non-profit or governmental entities. These monies, enabled by the Clean Water Act, are funneled through the Indiana Department of Environmental Management. *For details see IDEM below.*

EPA Great Lakes Program

Numerous sources of funding are available for the area that drains into the Great Lakes. The complete grants guidance and application package for EPA Great Lakes grants is on the web, and additional funding sources are at the Great Lakes Information Network (<http://www.great-lakes.net/>). Grants are submitted in early spring for most of these sources.

U.S. Department of Agriculture/Natural Resources Conservation Service (NRCS) (See Appendix C for local federal agency contacts.)

CRP: Conservation Reserve Program.

Administered by the Farm Service Agency with technical assistance from NRCS. Conservation easements in certain critical areas on private property. CRP encourages farmers to convert highly erodible cropland or other environmentally sensitive acreage to vegetative cover, such as tame or native grasses, wildlife plantings, trees, filterstrips, or riparian buffers. Easements are for 10 or 15 years, depending on vegetative cover, and compensation payments are made yearly to replace income lost through not farming the land. Cost share is available for planting vegetative cover on restored areas. <http://www.fsa.usda.gov/dafp/cepd/crp.htm>

EQIP: Environmental Quality Incentive Program.

Administered by the NRCS. Provides technical, financial, and educational assistance. Conservation cost-share program for implementing Best Management Practices, available to agricultural producers who agree to implement a whole-farm plan that addresses major resource concerns. Up to \$50,000 over a 5- to 10- year period. Some parts of the state are designated Conservation Priority Areas and receive larger funding allotments.

<http://www.nhq.nrcs.usda.gov/PROGRAMS/COD/cit/eqipsmry.htm>

FIP: Forestry Incentive Program.

Administered by the NRCS. Assists forest management on private lands of at least 10 acres and no more than 1,000 acres. Eligible practices are tree planting, timber stand improvement, site preparation for natural regeneration, and other related activities. Land must be suitable for conversion from nonforest to forest land, for reforestation, or for improved forest management and be capable of producing marketable timber crops. Cost share up to 65%, with a maximum of \$10,000 per person per year. <http://www.nhq.nrcs.usda.gov/CCS/FB96OPA/FIPfact.html>

Small Watershed Program.

The Small Watershed Program works through local government sponsors and helps participants solve natural resource and related economic problems on a watershed basis. Projects include watershed protection, flood prevention, erosion and sediment control, water supply, water quality, fish and wildlife habitat enhancement, wetlands creation and restoration, and public recreation in watersheds of 250,000 or fewer acres. Both technical and financial assistance are available.

<http://www.ftw.nrcs.usda.gov/pl566/pl566.html>

WRP: Wetland Reserve Program.

Administered by the NRCS. Easement and restoration program to restore marginal agricultural land to wetland. Easements may be for 10 years, 30 years, or permanent. Longer easements are preferred. Partnerships with other acquisition programs are encouraged. Restoration and legal costs are paid by NRCS. Landowner retains ownership of the property and may use the land in ways that do not interfere with wetland function and habitat, such as hunting, recreational development, and timber harvesting.

<http://www.nhq.nrcs.usda.gov/PROGRAMS/wrp/>

WHIP: Wildlife Habitat Incentive Program.

Administered by the NRCS. Cost share and technical assistance to develop and improve wildlife habitat on private land. Private landowners who are agricultural producers are eligible. A wildlife habitat plan is developed that describes landowner's goals for

Muscatatuck River Watershed Restoration Action Strategy

improving wildlife habitat, includes a list of practices and schedule for installing them, and details the steps necessary for maintenance. Cost share up to 75%, and contracts are for 10 years. <http://www.nhq.nrcs.usda.gov/PROGRAMS/whip/>

U.S. Fish & Wildlife Service

Partners for Wildlife Habitat Restoration Program

Provides technical and financial assistance to private landowners through voluntary cooperative agreements in order to restore formerly degraded wetlands, native grasslands, riparian areas, and other habitats to conditions as natural as feasible. Landowners agree to maintain restoration projects as specified in the agreement but otherwise retain full control of the land. Agreements are for fixed term of at least 10 years. No more than 60% of project cost is paid by Federal moneys (the program seeks remainder of cost share from landowners and nationally-based and local entities). <http://www.fws.gov/>

STATE CONSERVATION AND WATERSHED PROGRAMS

IDNR Division of Soil Conservation

LARE: Lake & River Enhancement Program

Funds diagnostic and feasibility studies in selected watersheds and cost-share programs through local Soil & Water Conservation Districts. Project oversight provided through county-based Resource Specialists and Lake & River Enhancement Watershed Coordinators. Funding requests for Watershed Land Treatment projects must come from Soil & Water Conservation Districts. If a proposed project area includes more than one district, the affected SWCDs should work together to develop an implementation plan. The SWCDs should then apply for the funding necessary to administer the watershed project. Before applying for funding, the SWCDs should contact the Lake & River Enhancement Coordinators to determine (1) the appropriate watershed to include in the project, (2) if the proposed project meets the eligibility criteria, and (3) if funding is available.

<http://www.in.gov/dnr/soilcons/lare.htm>

IDNR Division of Fish & Wildlife

Classified Wildlife Habitat Program

Incentive program to foster private wildlife habitat management through tax reduction and technical assistance. Landowners need 15 or more acres of habitat to be eligible. IDNR provides management plans and assistance through District Wildlife Biologists (see county listings). <http://www.ai.org/dnr/fishwild/about/habitat.htm>

IDNR Division of Forestry

Classified Forest Program

Incentive program to foster private forest management through tax reduction and technical assistance. Landowners need 10 or more acres of woods to be eligible. IDNR provides management plans and assistance through District Foresters (see county listings). <http://www.state.in.us/dnr/forestry/landassist/clasfor.htm>

Classified Windbreak Act

Establishment of windbreaks at least 450 feet long adjacent to tillable land. Provides tax incentive, technical assistance through IDNR District Foresters.

Forest Stewardship Program & Stewardship Incentives Program

Cost share and technical assistance to encourage responsibly managed and productive private forests.

<http://www.state.in.us/dnr/forestry/htmldocs/grants.htm>

IDNR Division of Reclamation

Appalachian Clean Streams Initiative

Funds for acid mine drainage abatement.

IDNR Division of Nature Preserves

State Nature Preserve Dedication

Acquisition and management of threatened habitat. <http://www.in.gov/dnr/naturepr/>

IDEM Office of Water Quality

State Revolving Fund

Available to municipalities and counties for a range of water quality infrastructure projects. Funds are available for a wide variety of projects including all types of nonpoint source management projects, as well as more traditional wastewater treatment projects. Funding is through very low-interest loans. <http://www.in.gov/idem/water/fasb/srflp.html>

Section 319 Grants - Nonpoint Source Program

Available to nonprofit groups, municipalities, counties, and universities for implementing water quality improvement projects that address nonpoint source pollution concerns. Twenty-five percent match is required, which may be cash or in-kind. Maximum grant amount for local watershed projects is \$112,500, but statewide or larger scale projects may be funded up to \$300,000. Projects are usually two to three years in length. Projects may be for land treatment through implementing Best Management

Muscatatuck River Watershed Restoration Action Strategy

Practices, for education, and for developing tools and applications for state-wide use. Proposals are due October 1, 2002 for FY2003 funds. See Section 5.1.5 for more details. <http://www.in.gov/ideM/water/planbr/wsm/index.html>

Section 205(j) Grants - Water Quality Management Planning Program

Available to municipalities, counties, conservation districts, drainage districts, and other public organizations. For-profit entities, non-profit organizations, private associations, and individuals are not eligible for funding through Section 205(j). Grants are for water quality management projects such as studies of nonpoint pollution impacts, nonagricultural NPS mapping, and the development and implementation of watershed management projects. Funds can be requested for up to \$100,000 and no match is required. <http://www.in.gov/ideM/water/planbr/wsm/index.html>

Section 104(b)(3) Grants - NPDES Related State Grant Program

Provide for developing, implementing and demonstrating new concepts or requirements that will improve the effectiveness of the NPDES permit program. A project proposed for assistance by this program should deal predominantly with water pollution sources and activities regulated by the NPDES program. These may include innovative demonstration projects to promote statewide watershed approaches for permitted discharges, development of storm water management plans by small municipalities, projects involving a watershed approach to municipal separate sewer systems, and projects that directly promote community based environmental protection. Available to State water pollution control agencies, interstate agencies, Tribes, colleges and universities, and other public or nonprofit organizations. For-profit entities, private associations and individuals are not eligible to receive this assistance. Funds can be requested for up to \$100,000. Five percent match is required, either cash or in-kind. <http://www.in.gov/ideM/water/planbr/wsm/index.html>

NOTE: proposals are due to IDEM by January 31 annually for projects beginning the following December.

PRIVATE FUNDING SOURCES

National Fish and Wildlife Foundation

1120 Connecticut Avenue, NW Suite 900, Washington DC 20036. (http://www.nfwf.org/programs/grant_apply.htm)

Nonprofit, established by Congress 1984, awards challenge grants for natural resource conservation. Federally appropriated funds are used to match private sector funds. Six program areas include wetland conservation, conservation education, fisheries, migratory bird conservation, conservation policy, and wildlife habitat.

Individual Utilities

Check local utilities such as IPALCO, CINergy, REMC, NIPSCO. Many have grants for educational and environmental purposes (IPALCO Golden Eagle Program - http://www.ipalco.com/ABOUTIPALCO/Environment/Golden_Eagle/2001_Winners.html; CINergy - <http://www.cinergy.com/Environment/default.asp>).

Indiana Hardwood Lumbermen's Association

Indiana Tree Farm Program. <http://www.ihla.org/leaders.htm>

Conservation Technology Information Center (CTIC)

'Know Your Watershed' educational materials are available. <http://www.ctic.purdue.edu/CTIC/CTIC.html>

Ducks Unlimited

Land acquisition and habitat restoration assistance. <http://www.ducks.org/>

National Wild Turkey Federation

Funds for turkey and wildlife habitat improvement projects. <http://www.nwtf.org/>

Quail Unlimited

Funds for quail and wildlife habitat improvement projects. <http://www.qu.org/>

Pheasants Forever

Land acquisition and funds for local habitat improvement projects. <http://www.pheasantsforever.org/>

Indiana Heritage Trust

Land acquisition programs. <http://www.state.in.us/dnr/heritage/>

The Nature Conservancy

Land acquisition and restoration. <http://nature.org/wherewework/northamerica/states/indiana/>

Southern Lake Michigan Conservation Initiative

Blue River Focus Area

Kankakee Sands Focus Area

Upper St. Joseph River Focus Area

Tippecanoe River Focus Area

Natural Areas Registry

Hoosier Landscapes Capitol Campaign

Local/Regional Land Trusts

Land acquisition, conservation easements, and restoration

Muscatatuck River Watershed Restoration Action Strategy

Acres Inc. (Fort Wayne, IN)

- <http://www.acres-land-trust.org/>

Buffalo Trace Land Trust, LLC (Mount Saint Francis, IN)

Central Indiana Land Trust, Inc. (Indianapolis, IN)

- <http://www.cilti.org/>

Clark's Valley Land Trust (Charlestown, IN)

- <http://www.clarkswcd.org/LandTrust/LandTrusthome.htm>

Indiana Karst Conservancy (Indianapolis, IN)

- <http://www.caves.org/conservancy/ikc/>

Laporte County Conservation Trust Inc. (La Porte, IN)

Little River Wetlands Project (Ft. Wayne, IN)

- <http://www.lrwf.org/>

Mud Creek Conservancy (Indianapolis, IN)

- <http://www.mudcreekconservancy.org/>

NICHES Land Trust (Lafayette, IN)

- <http://dcwi.com/~niches/>

Ohio River Conservancy (Bloomington, IN)

Oxbow, Inc. (Cincinnati, OH)

- <http://math.uc.edu/~pelikan/OXBOW/wm.html>

Red-tail Conservancy, Inc. (Muncie, IN)

- <http://ourworld.cs.com/rtconserv1/id18.htm>

River Fields, Inc. (Louisville, KY)

- <http://www.riverfields.org/>

Shirley Heinze Environmental Fund (Michigan City, IN)

- <http://www.heinzefund.org/>

Sycamore Land Trust (Bloomington, IN)

- <http://www.sycamorelandtrust.org/>

Wabash Heritage Land Trust (New Harmony, IN)

Wawasee Area Conservancy Foundation (Syracuse, IN)

- <http://www.wacf.com/>

Whitewater Valley Land Trust, Inc. (Centerville, IN)

Wood-Land-Lakes Resource Conservation & Development (Kendallville, IN)

- http://www.in.nrcs.usda.gov/conservation%20programs/rcd/woodland_lakes.htm

SOURCES OF ADDITIONAL FUNDING OPPORTUNITIES

Catalog of Federal Funding Sources for Watershed Protection

EPA Office of Water (EPA841-B-99-003) December 1999

(<http://www.epa.gov/owow/watershed/wacademy/fund.html>)

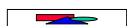
GrantsWeb:

<http://www.srainternational.org/cws/sra/resource.htm>

APPENDIX E

Superfund (CERCLA) Site Fact Sheets

for sites listed within the Muscatatuck River watershed.



SEYMOUR RECYCLING CORP.

Site Information:

Site Name: SEYMOUR RECYCLING CORP.

Address: G AVE WEST - FREEMAN MUNICIPAL AIRPORT
SEYMOUR, IN 47274

EPA ID: IND040313017

EPA Region: 05

County: 071 JACKSON

Latitude: +38.935200

Longitude: -085.921300

NPL Status: Currently on the Final NPL

Non-NPL Status:

Federal Facility Flag: Not a Federal Facility

Incident Category: Industrial Waste Treatment

Record of Decision (ROD) List:

	ROD ID	ROD Date	OU
1	EPA/ROD/R05-86/046		09/30/1986
01			
2	EPA/ROD/R05-87/050		09/30/1987
02			

1) Record of Decision (ROD):

Operable Unit:	01
ROD ID:	EPA/ROD/R05-86/046
ROD Date:	09/30/1986

Media: GROUNDWATER SOILS

Contaminant:	BENZENE, DCE, HEAVY METALS,
ORGANICS, TCE, TOLUENE, VOCS	

Abstract:

THE SEYMOUR RECYCLING CORPORATION (SRC) SITE, ENCOMPASSING A FOURTEEN-ACRE AREA, IS APPROXIMATELY TWO MILES SOUTHWEST OF SEYMOUR, IN. APPROXIMATELY ONE HUNDRED HOMES ARE LOCATED WITHIN A ONE-MILE RADIUS OF THE SITE IN A PREDOMINATELY AGRICULTURAL AREA. FROM ABOUT 1970 UNTIL EARLY 1980 SRC OPERATED A PROCESSING CENTER FOR WASTE CHEMICALS. OVER THE YEARS TOXIC AND HAZARDOUS WASTES, INCLUDING SOLVENTS, METAL FINISHING WASTES AND OTHER MATERIALS, ACCUMULATED ON THE SITE IN 55-GALLON DRUMS, BULK TANKS AND OTHER CONTAINERS. WASTES LEAKED AND SPILLED FROM THE DRUMS CREATING FIRE AND ODOR PROBLEMS. A CONSENT DECREE, REACHED IN THE FALL OF 1982 AFTER A MAY 1980 SUIT FILED BY THE UNITED STATES AGAINST THE OWNERS AND SITE OPERATORS, RESULTED IN THE REMOVAL OF APPROXIMATELY THE UPPER ONE FOOT OF CONTAMINATED SOIL FROM ABOUT 75 PERCENT OF THE SITE'S SURFACE. CONTAMINATED SOIL REMAINS, HOWEVER, AND EXTENDS THROUGHOUT THE SHALLOW AND DEEP AQUIFER. THE SITE IS FENCED AND PARTIALLY COVERED WITH A TEMPORARY SOIL CAP. HOMES SURROUNDING THE SITE HAVE RECENTLY BEEN CONNECTED TO THE CITY WATER DISTRIBUTION SYSTEM DUE TO THE THREAT OF GROUND WATER CONTAMINATION. THE PRIMARY CONTAMINANTS OF CONCERN INCLUDE; VOCS, ORGANICS, TCE, DCE, BENZENE, TOLUENE, AND HEAVY METALS.

THE SELECTED REMEDIAL ALTERNATIVE FOR THE SITE IS THE IMPLEMENTATION OF A PLUME STABILIZATION SYSTEM WHICH WILL EXTRACT, TREAT, AND DISCHARGE APPROXIMATELY 101,690,000 GALLONS OF CONTAMINATED GROUND WATER TO THE SEYMOUR WASTEWATER TREATMENT PLANT. THE ESTIMATED CAPITAL COST FOR THIS REMEDY IS \$300,000. O&M COSTS ARE ESTIMATED TO BE EITHER \$100,000 PER YEAR OR \$250,000 TOTAL COSTS FOR THE 2.5 YEAR PERIOD REQUIRED TO IMPLEMENT A FINAL REMEDIAL ACTION.

Remedy:

- CONTAMINATED GROUNDWATER WILL BE EXTRACTED FROM THE SHALLOW AQUIFER NORTHWEST OF THE SITE.
- THE CONTAMINATED GROUNDWATER WILL BE TREATED TO THE EXTENT REQUIRED TO MEET THE PRETREATMENT REQUIREMENTS OF THE SEYMOUR WASTEWATER TREATMENT PLANT.
- THIS OPERABLE UNIT CAN BE INTEGRATED AS A PART OF THE FINAL REMEDIAL ACTION SELECTED FOR THE SITE.

2) Record of Decision (ROD):

Operable Unit:

02

ROD ID:

EPA/ROD/R05-87/050

ROD Date:

09/30/1987

Media: GROUNDWATER SEDIMENTS SOIL

Contaminant:
ORGANICS, TCE, VOCS

BENZENE, DCE, INORGANICS,

Abstract:

THE SEYMOUR RECYCLING CORPORATION (SRC) SITE, ENCOMPASSING A FOURTEEN-ACRE AREA, IS APPROXIMATELY TWO MILES SOUTHWEST OF SEYMOUR, INDIANA. SRC AND ITS CORPORATE PREDECESSOR, SEYMOUR MANUFACTURING COMPANY, PROCESSED, STORED AND INCINERATED CHEMICAL WASTES AT THE SITE FROM ABOUT 1970 TO EARLY 1980. THE FACILITY WAS CLOSED WHEN SRC FAILED TO COMPLY WITH A 1978 AGREEMENT WITH THE STATE OF INDIANA TO CEASE RECEIVING WASTES AND TO INSTITUTE BETTER WASTE MANAGEMENT PRACTICES. IN 1980, SEVERAL THOUSAND DRUMS WERE REMOVED FROM THE SITE BY TWO POTENTIALLY RESPONSIBLE PARTIES (PRPS). IN 1981, THE U.S. EPA REMOVED CHEMICALS FROM TANKS AT THE SITE AND DISPOSED OF THOSE WASTES OFFSITE. A 1982 CONSENT DECREE WITH POTENTIAL PRPS RESULTED IN THE REMOVAL, BETWEEN DECEMBER 1982 AND JANUARY 1984, OF APPROXIMATELY 50,000 DRUMS, 100 STORAGE TANKS AND THE FIRST FOOT OF CONTAMINATED SOIL FROM ABOUT 75 PERCENT OF THE SITE'S SURFACE. A RECORD OF DECISION, SIGNED IN SEPTEMBER 1986, EVALUATED THE STABILIZATION OF THE GROUND WATER PLUME EMANATING FROM THE SITE AND SELECTED THE IMPLEMENTATION OF A PLUME STABILIZATION SYSTEM TO EXTRACT, TREAT AND DISCHARGE GROUND WATER TO A WASTE WATER TREATMENT PLANT. CURRENTLY, THE SHALLOW AQUIFER UNDER AND JUST BEYOND THE SITE BOUNDARIES, WHICH SERVES APPROXIMATELY 100 RESIDENCES AND BUSINESSES, IS HIGHLY CONTAMINATED WITH MORE THAN 35 DIFFERENT HAZARDOUS CHEMICALS, INCLUDING 1,2-DICHLOROETHANE, BENZENE, VINYL CHLORIDE AND 1,1,1-TRICHLOROETHANE.

THE SELECTED REMEDIAL ACTION FOR THIS SECOND OPERABLE UNIT INCLUDES; DEED AND ACCESS RESTRICTIONS AND OTHER INSTITUTIONAL CONTROLS; IMPLEMENTATION OF A FULL SCALE SOIL VAPOR EXTRACTION SYSTEM; GROUND WATER EXTRACTION AND TREATMENT BY AIR STRIPPING, MIXED-MEDIA CAP; AND EXCAVATION OF 800 CUBIC YARDS OF CONTAMINATED CREEK SEDIMENT AND CONSOLIDATION OF THE SEDIMENT BENEATH THE CAP. THE ESTIMATED CAPITAL COST FOR THIS REMEDY IS \$10,536,000 WITH PRESENT WORTH O&M OF \$7,200,000.

Remedy:

THE SELECTED REMEDIAL ALTERNATIVE REPRESENTS THE FINAL REMEDY FOR THE SEYMOUR SITE. THE SELECTED REMEDIAL ALTERNATIVE INCLUDES THE FOLLOWING MAJOR COMPONENTS WHICH ARE DISCUSSED IN MORE DETAIL IN ATTACHMENT 1;

- DEED AND ACCESS RESTRICTIONS/OTHER INSTITUTIONAL CONTROLS TO PREVENT FUTURE DEVELOPMENT OF THE SITE AND ADJACENT PROPERTY AND TO ASSURE THE INTEGRITY OF THE REMEDIAL ACTION.
- IMPLEMENTATION OF A FULL SCALE SOIL VAPOR EXTRACTION SYSTEM.
- EXTRACTION AND TREATMENT OF CONTAMINATED GROUNDWATER AT AND BEYOND THE SITE BOUNDARIES. - INSTALLATION OF A MULTI-MEDIA CAP.
- EXCAVATION OF CONTAMINATED SEDIMENT AND CONSOLIDATION OF THE SEDIMENT BENEATH THE CAP.
- A REGULAR MONITORING PROGRAM TO DETERMINE THE EFFECTIVENESS OF THE PROPOSED REMEDIAL ACTION.

URL: <http://www.epa.gov/superfund/sites/rodsites/0501439.htm>

This page was last updated on: April 15, 2002

Site maintained by: Office of Emergency and Remedial Response

brown.margret@epa.gov

APPENDIX F:

STAKEHOLDER COMMENTS

The following comments were received within the 60-day public comment period after the initial public meeting introducing the draft version of the Muscatatuck River WRAS. This meeting was held on March 7, 2002, in Seymour, Indiana. The public comment period ended on May 7, 2002.

The Muscatatuck River WRAS has been revised to incorporate stakeholder comments, where appropriate. The following is a reproduction of the stakeholder comments:

General Comments

None

Specific Comments

Part I:

- Executive Summary, Current Status of Water Quality: Where is the list of "the following waterbodies"?
- Section 1.3: Indiana Karst Conservancy is not listed in Appendix C.
- Section 2.1: I thought the Muscatatuck River started at confluence of Big Creek and Graham Creek, which is also what Table 2.5, Part 2 on page 45 says. US EPA 1999 citation is not included in reference section.
- Section 3.2.2: The number of active NPDES permits may need to be corrected.
- Section 3.3.5: Reinelt and Horner, 1990, and EPA 841-B-01-001 June 2001 citations are not listed in reference section.
- Section 4.1.2: Sand Creek Watershed Project is in a different watershed. Save The Valley, Inc.??
- Section 4.4: Appendix B does not have the Muscatatuck data.
- Table 0-1: No "s" on "PCB" in key, so no "s" needed in table [change "FCA-PCBS" in table to "FCA-PCB"].
- Table 2-2: Albion and Goshen are not in this watershed.
- Table 2-5, Listing of Outstanding Rivers and Streams: These sites (Big Creek, Graham Creek, Little Creek, Otter Creek) are not included in any state parks that I know of. "Muscatatuck, Vernon" should be "Muscatatuck, Vernon Fork". "Muscatatuck Fork" is referred to as East Fork on page 10. What do the 2 * mean in this list?
- Table 2-6: At least 27 of these listings appear to be outside the Muscatatuck watershed (Charlestown Military Reservation, Charlestown State Park, Deam Lake State Recreation Area, Falls of the Ohio State Park, Jeffersonville Park, Jeffersonville School Park, Lapping Memorial Park, Greensburg City Park, Greensburg Reservoir P.F.A., Bell Ford Public Access Site, Brownstown P.A.S./P.F.A., Cypress Lake P.F.A., Hoosier N.F.-Charles Deam Wilderness Area North, Medora Public Access Site, Monroe Reservoir, Clifty Falls State Park, Clifty Falls State Park Swimming Pool, Batesville Memorial Pool, Bischoff Reservoir (Batesville) Public Access Site, Falling Timber Nature Preserve (Falling Timber, Henderson Bend, and High Bluff), Laughery Bluff Nature Preserve, Liberty Park, Versailles State Park, Christian Church Playground, Salem Community Park).
- Table 3-2: Albion and Goshen are not in this watershed.
- Table 3-3: At least 33 of these listings appear to be outside the Muscatatuck watershed (Austin Municipal STP, all listings in Elkhart and Noble counties).
- Table 4-3: The Fish Size, Contaminant, and Group columns need editing.

Part II:

- Chapter 1, Water Quality Concerns: Should CILTI [Central Indiana Land Trust, Inc.] be included here?

Muscatatuck River Watershed Restoration Action Strategy

- Chapter 2, last paragraph: It seems confusing to me to have 2 different tables and 2 different figures with the same designation. At least the figures for Part I should be in Part I.
- Section 4.4: There is no Section 3.
- Section 4.7: I do not believe these numbers [94 active NPDES dischargers and 12 CSO discharges] are correct. See Tables 3-2 and 3-3 in Part I.
- Table 2-1: What does "nd" mean? Change "20001" to "2001".

Appendices:

- Appendix B: How do the data listed in this appendix relate to the Muscatatuck watershed? Looks like the wrong data are used here!
- Appendix C, State Stakeholders: Indent under the IDEM entry the list of offices that follows. Indent under IDNR the Divisions that follow. The IDNR Division of Soil Conservation is listed twice.